



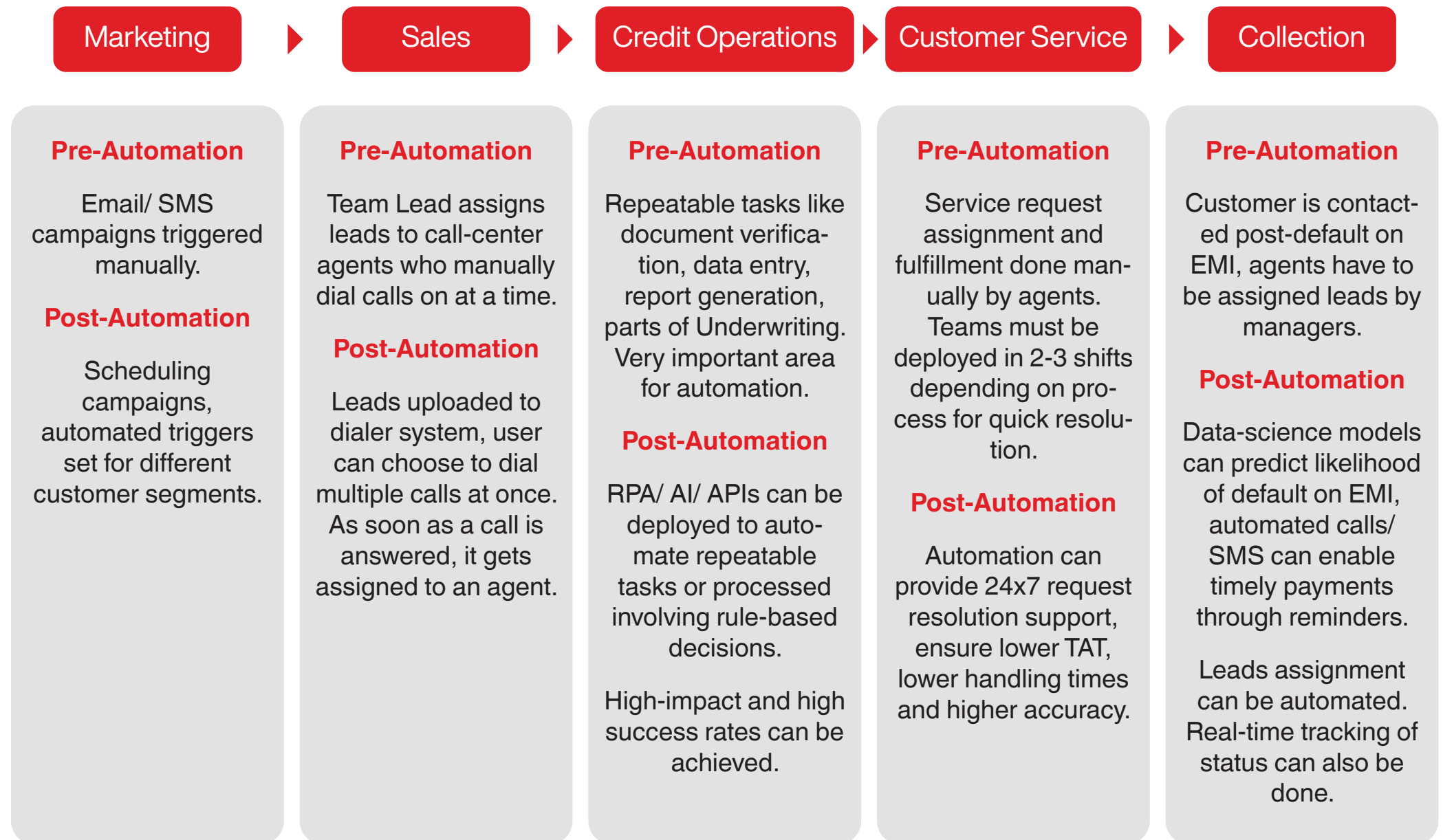
Loan Processing

Introduction

When it comes to Finance, Loan Process tend to pose as a formidable challenge. Automation has proven to be a game-changer, successfully overcoming hurdles in the process. At AGT, we understand these challenges and have a proven track-record of implementing our license-free, AI powered solution to drive desirable outcomes for our clients. Through this whitepaper, we aim to share our understanding of Loan processes using a sample process.



Sample Process Overview



Python for Automation of Loan Processing

The Loan process has a set of clearly defined rules or decision guidelines which makes it a suitable candidate for automation. Among the different tech solutions for automation, Python has certain capabilities that can drive successful outcomes, especially in the BFSI automation space; they are as follows. We also discuss their relevance to the Loan Process.

Data Extraction and Preparation

Availability of Python libraries facilitates data extraction and standardization. In the Loan process, financial data from different sources need to be extracted and consolidated. With Python, these activities can be performed in less time and without errors that may occur during manual execution.

Data Matching

Python has the ability to match transaction records across different accounts, identify discrepancies, and reconcile them through its filtering, grouping, and aggregation functions. This ensures accuracy in crucial steps of the Loan process.

Exception Handling and Error Reporting

It is important to flag and report anomalies during any process automation. This capability can help organizations track discrepancies and investigate their root cause.

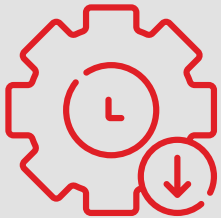
Scalability and Customization

As transaction volumes grow, Python's ability to handle large datasets and process them efficiently becomes crucial. In the Loan Process, the organization has to work with cumulative data which will only grow in volume with time. Therefore, it is important to deploy a solution that can cater to this requirement.

Thus, Python provides a robust and flexible framework for automating the Loan process, enabling organizations to improve accuracy, efficiency, and financial control.

Benefits

- + Improved efficiency by reducing processing time
- + Reduce FTE cost associated with data entry, document validation, and other manual processes.
- + Faster decision making, enabling faster loan approval or rejection.
- + Enhanced accuracy
- + Improved compliance
- + Improves customer satisfaction
- + Data management



**3x processing
time reduces**



**95% FTE
reduces**



**80% cost
saving**



**90% error
reduces**

About AG Technologies

AG Technologies headquartered in Mumbai is a human-centered digital transformation company that focuses on creating value for our stakeholders through the integration of people, processes, and technology.



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